

## Call for Papers

### *IEEE Journal of Selected Topics in Quantum Electronics* Special issue on Semiconductor Lasers

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#### Scope and Topics

The IEEE Journal of Selected Topics in Quantum Electronics (JSTQE) invites manuscript submissions in the area of Semiconductor Lasers, covering fundamental advances, device technologies, integration, and applications. Topics of interest include, but are not limited to:

- High power and high efficiency semiconductor lasers
- Narrow-linewidth, low noise single frequency semiconductor lasers
- High-speed directly modulated and externally modulated semiconductor lasers
- Vertical cavity surface emitting lasers, micro- & nano-cavity semiconductor lasers
- Semiconductor lasers based on wide-bandgap and novel semiconductor materials
- Quantum dots, quantum-dash and quantum cascade lasers
- Heterogeneous, monolithic and hybrid integrated semiconductor lasers
- Nonlinear dynamics for semiconductor lasers and mode locked semiconductor lasers
- Semiconductor laser integration for photonic integrated circuits and co-packaged optics
- Applications in optical communications, sensing, LiDAR, and microwave photonics

#### Call for Reviewers

If you work in this area and are interested in reviewing for this special issue, please email your CV to Yong-Zhen Huang <[yzhuang@semi.ac.cn](mailto:yzhuang@semi.ac.cn)>.

#### Submission Guidelines

Submissions will be reviewed in accordance with the normal procedures of the Journal and papers must be formatted according to the Information for Authors found at:

<https://ieeephotonics.org/publications/xxx/>

- Manuscript and [Graphical Abstract Submissions](#) should be made online at <https://ieeetyponrex.com/journal/xxx>.
- Select the paper type “**Special Issue on Semiconductor Lasers.**”

#### Important Dates

Open for Submissions: October 1, 2026

Submission Deadline: April 1, 2027

Tentative Publication: Jan/Feb 2028



**EARLY ACCESS:** DOI-citable articles will be published online after acceptance upon submission of final files and rights selection – sometimes well in advance of issue publication.

**For further information, contact the JSTQE Editorial Office:**

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